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# TECHNICAL BULLETIN

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## HMA at Intersections

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FDM 14-10-5 states:

There has been a concern about HMA pavement performance at intersections on roadways with increased traffic loadings and higher speed limits. In some instances, distresses such as rutting, pushing, or shoving appear due to the stopping and turning movements of heavy vehicles with warm tires. Special attention should be focused on intersections to insure good performance.

Mix types that have a history of good performance in posted-speed applications may not perform as well in intersections, climbing lanes, truck weigh-stations, and other slow speed areas. The slow moving or standing loads occurring at these sites subject the pavement to higher stress conditions that can be enough to induce rutting and/or shoving. The key to constructing a successful intersection is recognizing that they need to be treated differently in order to ensure performance. STSP 460-030, HMA Pavement Intersections, gives direction on how to address these situations.

When designing projects with HMA pavements, designers should evaluate whether the use of STSP 460-030 is needed. Its use should be documented in the Pavement Design Report identifying the intersections that warrant the mix, and in the plans. Designers should coordinate with Todd Peschke, D2 Pavement Engineer, at (262) 548-5696, or by email at [todd.peschke@dot.state.wi.us](mailto:todd.peschke@dot.state.wi.us).

## Possible Cement Shortages for 2004

With the shortages of cement in the US, Wisconsin may not see impacts during the 2004 construction season. If any shortages become apparent, they probably would happen towards the end of the season. If you contractor notifies you of shortages in cement supply, you should contact Jim Parry of the Quality Management Section in Central Office at (608) 246-7939. If the supply problem were to extend long enough to where your contractor asks for time extensions on your project, please contact Javad Hosseini at (608) 266-3652 to assist in a fair and uniform implementation of statewide policy concerning this issue.

# Procedure to Establish New Property Corners

## Procedure to Establish New Property Corners

Following the submittal of the Preliminary Right of Way Plat to Real Estate and prior to the Relocation Order, the Project Manager schedules a “Property Pipe Meeting”. This meeting should include the following individuals:

- Project Manager
- Lead Real Estate Agent
- Plat Preparer (In-House or Consultant)
- Survey Coordinator

(This meeting could utilize a conference call.) The meeting attendees will review the plat and determine the best method to establish new property corners on the project. The identification of a method should consider cost effectiveness, staff availability, and practicality. Two basic methods should be considered:

### **Method 1: Property owner hires a RLS**

The Project Manager sends a letter to each identified property owner. The letter explains a procedure for the property owner to follow to obtain the services of a RLS to establish the new corners. Timing and cost reimbursement is addressed in the letter. An estimate of the associated RLS cost is established during the meeting and the Real Estate agent includes that cost as part of the Relocation Order estimate (a future additional parcel cost). (A form letter for Method 1 is available in the N3:PDS/forms/Public Involvement/private set letter.)

### **Method 2: District obtains the services of a RLS**

The property pipes will be established on identified parcels utilizing a District 2 RLS Design Master Consultant Contract. For this method a consultant work order will be developed and billed to the design I.D. number. The Project Manager will send a letter to notify each identified property owner. (A form letter for Method 2 is available in the N3:PDS/Forms/Public Involvement/state set letter.)

In addition to the above, the Real Estate Property Owner Notification letter has been modified to include language that will ask the property owner to identify any CSM, Plat of Survey, etc. that may be available for the impacted parcel. The early identification of survey documents may aid in the future establishment of new property corners on the parcel.

### **Implementation:**

These Guidelines should be used on all District 2 Preliminary Plats completed after July 1, 2004. Projects with plats processed prior to July 1, 2004 should be considered on a case by case basis (consider conducting a “Property Pipe Meeting” to determine applicability).



**“These Guidelines  
should be used on  
all District 2  
Preliminary Plats  
completed after  
July 1, 2004.”**

## Fieldmanager Contract Modifications Error

Please note, for all contracts let after November 2003 with the new Standard Bid Items, Fieldmanager has a few glitches when creating contract modifications;

1. When adding a new item number, particularly a SPV. item, always use the drop down arrow in the box and chose the item directly off the items list.

If you do choose to manually type in the item number directly, make sure any letters i.e. SPV, are in capital.

If the item is not entered using capital letters, the Construction Administration System (CAS) will never pay on the item and cause a horrendous problem for fieldmanager causing a big delay in payments.

2. In this same event, when adding a new item with a contract modification for a SPV. item, the Supplemental Description field below the item number has two lines. You need to begin your Supplemental Description on the first line provided and continue on to the second if needed.

If the first line is left blank, the Construction Administration System (CAS) will never pay on the new item and will also cause horrendous problems for fieldmanager.

At this time we have no immediate ways of correcting these problems and so are relying on user awareness to get through.

Please pass this on to all your staff using Fieldmanager. If you have any questions, please let me know.

## Special Provision Problems

Central Office is repeatedly getting special provisions that are not formatted or written in conformance with FDM Procedure 19-15-80 that was updated on July 16, 2003. The update requested writing special provisions in active voice and change special provision format to conform with the new standard specifications. In addition, this procedure reaffirmed that special provisions should not be prepared using the auto-numbering and auto-formatting features in MS Word. Inserting articles into special provisions that utilize auto-numbering and auto-formatting is very time consuming for one central office staff that prepares the final special provisions for all proposals.

Due to workload and time constraints, D-2 staff may not be able to detect or correct formatting errors in special provisions submitted by consultants and municipalities. The special provisions containing these errors would then have to be forwarded to Central Office "as is".

Central Office will start enforcing this FDM procedure and send back special provisions that are not prepared according with this FDM procedure. When special provisions are sent back, only one to two days will be given to make corrections and resubmit the corrected MS Word document. If the short period of time cannot be met, the proposal will be moved to a future letting.



## 2004 Specification Updates

For the first time DOT has electronically published an annotated edition of the standard specifications that contains the latest supplemental spec updates integrated into the text of the standard specifications. We are calling this annotated edition the 2004 Standard Specifications, and it incorporates the 2004 Supplemental Specifications directly into the 2003 edition of the Standard Specifications ("gray book"). These 2004 Standard Specifications also incorporate errata to the "gray book" as well as reference updates to the newly reorganized CMM. Currently the 2004 Standard Specifications are only available online, but later we should also have CD's available for ordering from the ExtraNet site. We will not be publishing paper copies of the entire 668-page 2004 Standard Specifications.

View on the ExtraNet: <https://trust.dot.state.wi.us/extntgtwy/dtidcons/constnds/stndspec/index.htm>

To use the Extranet you must first register one-time only for a user ID and password. You can self register, if you are not already registered, at the following web site: <https://on.wisconsin.gov/servlet/wimap/selfreg.SelfRegController> (or temporarily just try wisdot and password04)

View on the DOTnet: [http://dotnet/dtidcons/std\\_dev/stndspec/index2.htm](http://dotnet/dtidcons/std_dev/stndspec/index2.htm)

We think that users will find this new "one-stop-shop" format much easier to use than the old format where the supplement and standard specifications were in separate documents. Each sentence that was changed is shown in **red** font with the explanatory annotations for each change shown in **indigo** font.

For example:

Those wanting an early printout of the 2004 Supplement can download it from either the ExtraNet site or the DOTnet site and print a copy. The department will be distributing the printed supplement, free of charge, as in past years in July.

Download 04 Supplement from ExtraNet: <https://trust.dot.state.wi.us/extntgtwy/dtidcons/constnds/stndspec/hidden/download/download.htm>

To use the Extranet you must first register one-time only for a user ID and password. You can self register, if you are not already registered, at the following web site: <https://on.wisconsin.gov/servlet/wimap/selfreg.SelfRegController> (or temporarily just try wisdot and password04)

Download 04 supplement form DOTnet: [http://dotnet/dtidcons/std\\_dev/stndspec/download/download2.htm](http://dotnet/dtidcons/std_dev/stndspec/download/download2.htm)

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